

5W Absorptive 12-18GHz SP2T

Features

- Wide Band Operation 12.0-18.0GHz
- High Power Handle Capability up to 5W
- TTL compatible driver include
- Fast Switching Speed
- Low Insertion Loss and High Isolation
- Temperature Range -40°C~+85°C
- Customization available upon request

Absorptive SP2T- Single Pole Double Throw						
Frequency (GHz)	Insert. Loss (dB)	VSWR (Max:1)	Isolation min (dB)	Power (Watts)	Power (Watts)	Switching Speed
12.0-18.0	2.5 typ. 3.0 max	2.2	60	2 W CW Operational	5W CW no Damage	100ns

Mechanical Specification

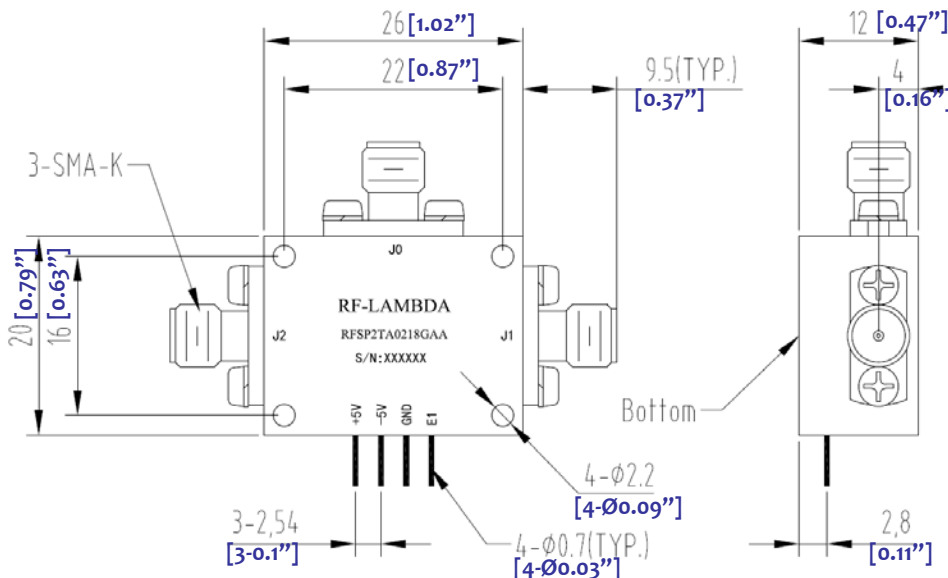
Finishing: Gold plating for brass material
 Connector: SMA-F Per MIL-C-39012
 Control PIN: 0.02" dia x 0.15" solder pins
 Weight: 20 grams max.
 Mounting: (4 / 6) 0.1" dia through holes

Electrical Operation

DC Biasing:
 +5.0V (+/-0.5V 80mA max.)
 -5.0V (+/-0.5V 50mA max.)

TTL Logic Control:
 1 J0->J1
 0 J0->J2

Power Handle: 5W



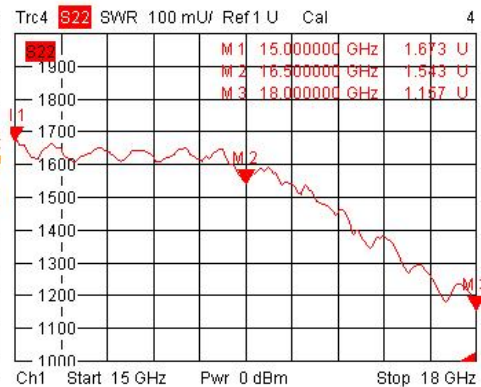
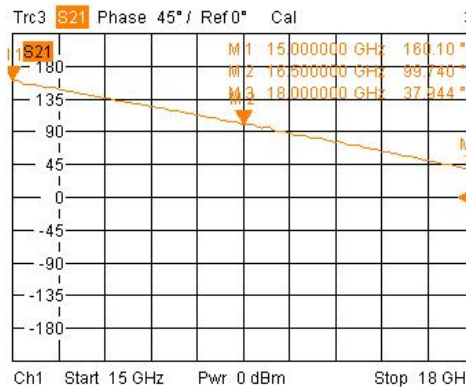
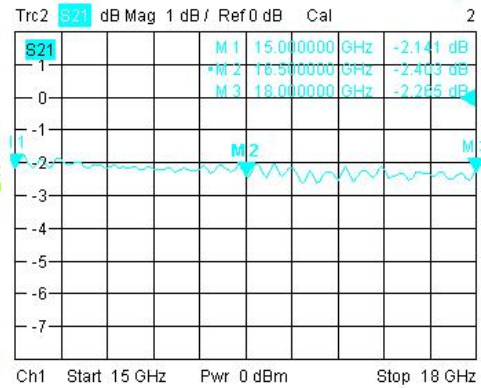
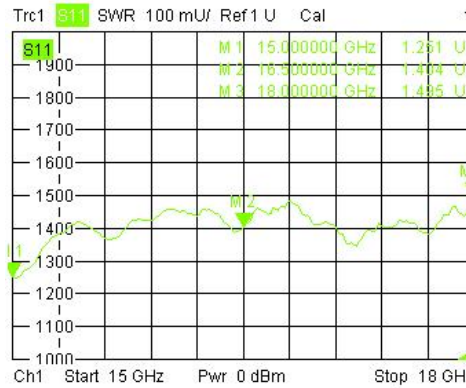


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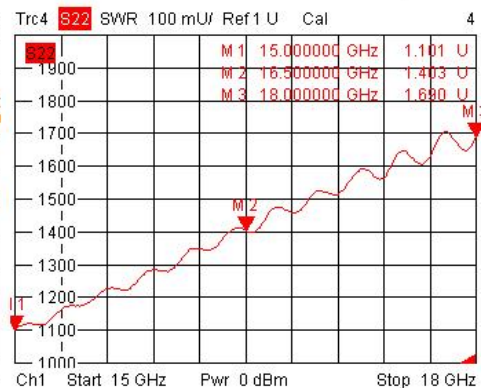
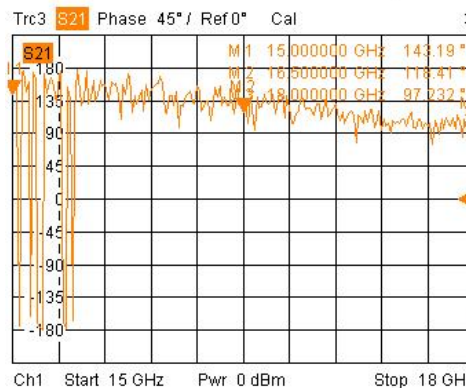
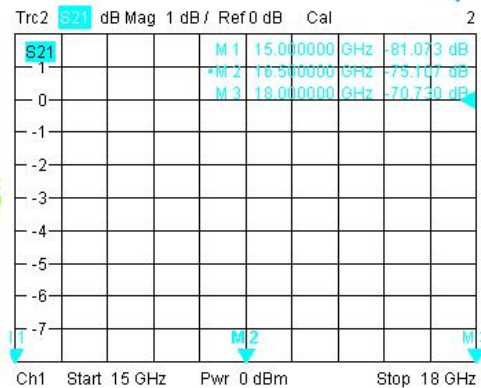
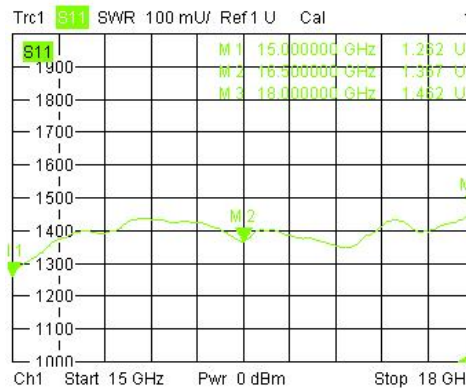
The power beyond expectations

RFSP2TA1218GW5

5W Absorptive Coaxial Single Pole Double Throw Switch 12.0-18.0GHz



6/22/2011, 10:43 AM



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The power beyond expectations

RFSP2TA1218GW5

5W Absorptive Coaxial Single Pole Double Throw Switch 12.0-18.0GHz

NO:113101

State channel	VSWR _{in} ≤2	VSWR _{out} ≤2	IL≤3dB			ISO≥60dB	Speed≤100ns
	12-18GHz	12-18GHz	12GHz	15GHz	18GHz	12-18GHz	
Jo--J1	1.78	1.9	2.2	2.59	2.81	74	41
Jo--J2	1.55	1.79	2.11	2.39	2.85	69	

NO:113102

State channel	VSWR _{in} ≤2	VSWR _{out} ≤2	IL≤3dB			ISO≥60dB	Speed≤100ns
	12-18GHz	12-18GHz	12GHz	15GHz	18GHz	12-18GHz	
Jo--J1	1.43	1.69	1.81	2.1	2.68	71	39
Jo--J2	1.54	1.91	2.12	2.6	2.89	73	

NO:113103

State channel	VSWR _{in} ≤2	VSWR _{out} ≤2	IL≤3dB			ISO≥60dB	Speed≤100ns
	12-18GHz	12-18GHz	12GHz	15GHz	18GHz	12-18GHz	
Jo--J1	1.57	1.96	2.18	2.38	2.45	73	38
Jo--J2	1.75	1.85	2.21	2.28	2.65	69	

NO:113104

State channel	VSWR _{in} ≤2	VSWR _{out} ≤2	IL≤3dB			ISO≥60dB	Speed≤100ns
	12-18GHz	12-18GHz	12GHz	15GHz	18GHz	12-18GHz	
Jo--J1	1.7	1.82	1.55	2.18	2.18	72	40
Jo--J2	1.9	2	1.77	2.38	2.73	78	

NO:113105

State channel	VSWR _{in} ≤2	VSWR _{out} ≤2	IL≤3dB			ISO≥60dB	Speed≤100ns
	12-18GHz	12-18GHz	12GHz	15GHz	18GHz	12-18GHz	
Jo--J1	1.47	1.82	2.08	2.25	2.68	69	39
Jo--J2	1.58	1.8	2.19	2.41	2.91	69	

NO:113106

State channel	VSWR _{in} ≤2	VSWR _{out} ≤2	IL≤3dB			ISO≥60dB	Speed≤100ns
	12-18GHz	12-18GHz	12GHz	15GHz	18GHz	12-18GHz	
Jo--J1	1.43	1.69	1.81	2.1	2.68	71	41
Jo--J2	1.54	1.91	2.12	2.6	2.89	73	

NO:113107

State channel	VSWR _{in} ≤2	VSWR _{out} ≤2	IL≤3dB			ISO≥60dB	Speed≤100ns
	12-18GHz	12-18GHz	12GHz	15GHz	18GHz	12-18GHz	
Jo--J1	1.7	1.66	1.68	1.98	2.67	70	42
Jo--J2	1.58	1.78	1.69	2.04	2.67	70	